



CALL FOR PAPERS



2012 IEEE International Symposium on Electromagnetic Compatibility (EMC)

Pittsburgh, Pennsylvania
August 5-10, 2012





2012 IEEE International Symposium on EMC

- Flagship Conference on EMC
- **Date:** 5 Aug - 10 Aug 2012
- **Location:** David L. Lawrence Convention Center



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Electromagnetic Information Leakage

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INFORMATION for Authors
The IEEE EMC Society seeks original, unpublished papers covering all aspects of EMC and in technologies that are affected by EMC (including but not limited to shielding, ESD, automotive, broadcast, military, wireless, smart grid, and power transmission.)

Join your colleagues in Pittsburgh where you can share your insights, ask questions, learn from the experts/innovators and see new products at the 2012 IEEE International Symposium on Electromagnetic Compatibility. Your published paper will be seen by thousands in the EMC community and across the wide array of disciplines that look to the IEEE EMC Society for technical guidance as well as being uploaded to IEEE Xplore with unlimited exposure.

PAPER TOPICS of Interest
Topics include and are not limited to the following technical areas.

TC-1 EMC Management <ul style="list-style-type: none">EMC Personnel AccreditationLaboratory AccreditationEMC EducationEMC Legal Issues	TC-4 EM Interference <ul style="list-style-type: none">Shielding, Gating & FilteringCables and ConnectorsCouplingSystem EMC AnalysisSurroundingPCR Issues	TC-9 Computational Electromagnetics <ul style="list-style-type: none">Computer ModelingModel ValidationStatistical Analysis
TC-2 EMC Measurements <ul style="list-style-type: none">Test InstrumentationMeasurement TechniquesEmissions and ImmunityStandards and RegulationsTest Facilities	TC-5 High Power Electromagnetics <ul style="list-style-type: none">ESD & TransientsEMP, IEMI & LightningInformation LeakageElectric Power EMC	TC-10 Signal Integrity <ul style="list-style-type: none">PackagingModel Parameter DeterminationDevice ModelingCrosstalk
TC-3 EM Environment <ul style="list-style-type: none">EM Signal EnvironmentAtmospheric NoiseMan-Made Noise	TC-6 Spectrum Management <ul style="list-style-type: none">Spectrum ManagementSpectrum Monitoring	TC-11 Nanotechnology & Advanced Materials <ul style="list-style-type: none">NanomaterialsNanostructuresCarbon NanotubesNanofibersSmart Materials

Author Submission Schedule
• Preliminary Full Paper Manuscript:
November 1, 2011 - January 15, 2012
(late papers will not be accepted)

See web site for more details
www.emc2012.iseemc.org

EMC 2012 Symposium Committee

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TC-5 High Power Electromagnetics

- ESD & Transients
- EMP, IEMI & Lightning
- Information Leakage
- Electric Power EMC



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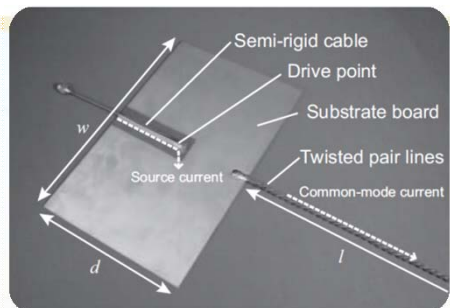


EM Information Leakage

Scope



Measurement & Analysis Techniques



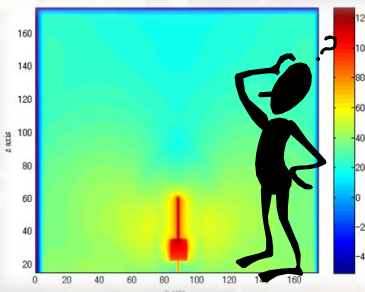
Modeling



Simulation



Evaluation & Verification



Propagation Mechanisms



Countermeasure Technologies by EMC



AUTHOR Submission Schedule

- **Preliminary Full Paper Manuscript:**
January 15, 2012

(Website: <http://www.emc2012.org/>)

- **Acceptance Notification:** March 11, 2012

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IEEE EMC 2012

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We wait for your submission.

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